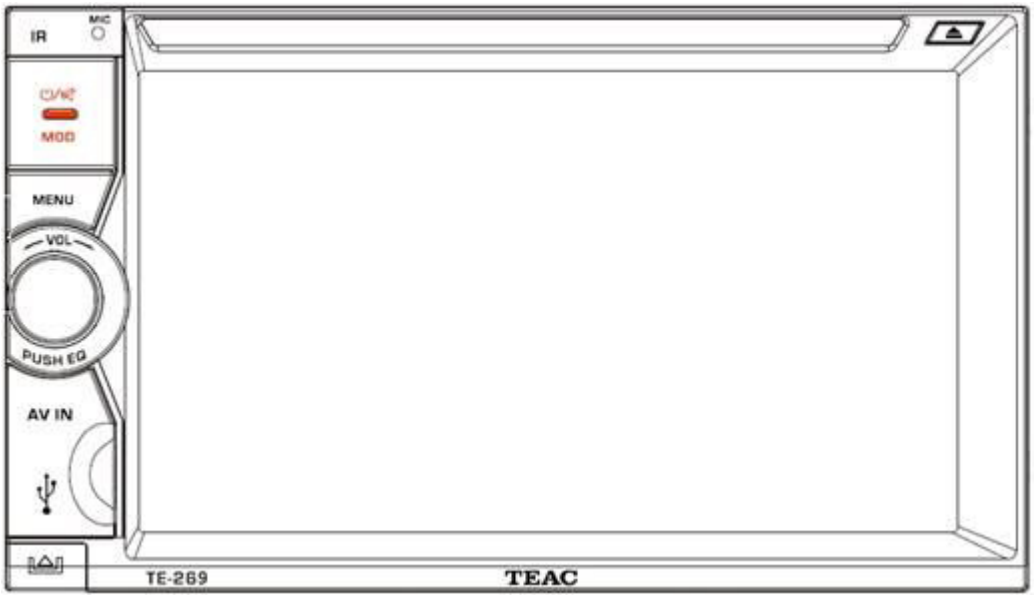
TEAC

CAR CD /DVD /MP3 PLAYER /RADIO/SWC/GPS&RDS RECEIVER /WITH Bluetooth

MODEL: TE-269



INSTALLATION CONNECTION MANUAL

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www.phonic-teacaudio.com

WEEE (Waste Electrical and Electronic Equipment Directive)

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

Disposing of the battery / batteries

Please check local regulations for disposal of batteries or call your local city office or your household waste disposal service or the shop where you purchased the product.

The battery / batteries should never be placed in municipal waste. Use a battery disposal facility in your neighborhood or community, if available.

WARNING!

To promote safety, certain functions are disabled unless the parking brake is on. The Unit is designed to detect parked status and must be connected to the power supply side of the parking brake switch. Improper connection or use of his connection may violate applicable law and may result in serious injury or damage. To avoid the risk of damage and injury and the potential violation of applicable laws, this unit is not for use with a video screen that is visible to the driver.

- To avoid the risk of accident and the potential violation of applicable laws, the front Video image feature should never be used while the vehicle is being driven. Also, other video displays should not be in a location where it is a visible distraction to the driver. In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed and this unit's DVD features should not be used.
- Please remember to wear your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled.
- The supplier waves any and all liability when these warnings are not followed.

OPERATION

- Only connect to a 12Vdc battery and negative grounding.
- Avoid placing the product in direct sunlight, in areas with high levels of dust, high temperatures (over 40°C) or high humidity (over 90%). In case of high temperatures, cool down the car interior by means of ventilation or air-conditioning.
- Operate in well ventilated areas.
- Do not turn on or off the product in short intervals. When turning the unit off, wait for at least 10 seconds prior to turning the unit on again. Do not operate the player with scratched, bended or broken discs and when a disc is not loaded properly, do not force it into the player.
- Do not watch video playback while driving which will cause serious danger and risks of traffic accident. It may violate the laws and regulations.
  (There may be exceptional case, i.e., using rear view camera and navigation system)
- Do not install the unit where the operation for safety driving is restrained.
- Do not disassembly the unit by yourself, if need repairing, please take the unit to the after service center.
- Do not open and close the monitor manually, it may damage the monitor tilt system.
- Do not touch the LCD screen by hard objects, it may damage or give scratch to the LCD screen.
- If the back of monitor touches dashboard or air-conditioner inlet etc after open the monitor , then setup TILT level in monitor TILT menu to prevent damage from repeat touching.
- Car parking under direct sunlight may increase the temperature inside the car and the unit may not be in proper operation, please try it again after the temperature returns to normal.
- Do not replace the fuse on the power cable without professional guidance, using improper fuse may cause damage to the unit or even cause burn the unit.
- Do not use irregular shaped Disk.
- IR remote control operation may be hindered by monitor when the monitor is opened, thus please use the remote control at the similar level of remote control receiver.
- Do not install the unit where the cooling fan is blocked.

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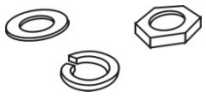
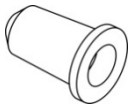
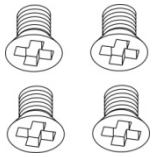
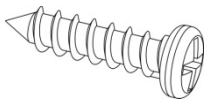
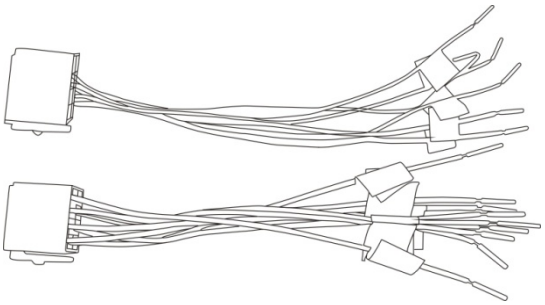
ACCESSORIES

Package contains the following accessories for installation and operation of the unit.

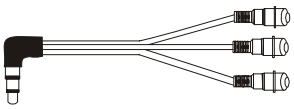
(1) Washer, Spring Washer, M5 Nut	1 each		(4) Rubber cushion	1	
(2) Mounting Strap	1		(5) Screw	4	
(3) Bolt	1		(6) Screw	1	

Remote Control

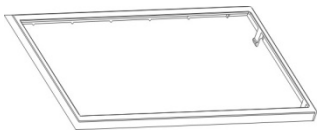


ISO Cable

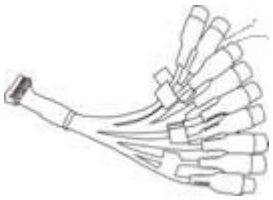
1x AV-IN Cable



GPS Cable



Trim ring



RCA Cable

User Manual

External Microphone Cable

Note:
Product image may vary from the actual delivery.

INSTALLATION

Note

Before starting installation of the unit, make sure the wiring is connected properly.
Use only the parts provided with the unit to ensure proper installation.
The use of unauthorized parts may cause malfunction.
Install the unit where it does not get in the driver's way and will not injure the passenger in case there is a sudden stop, like an emergency stop.

- **INSTALLATION （Figure 1）**
- Insert the unit into dash-board hole and fix it
- If necessary, place the mount strap at the rear of the unit and fix it with provided washer as figure 2.
- Place Trim Ring over the unit and installation is completed as figure 1.

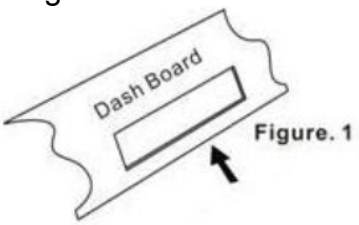


Figure. 1

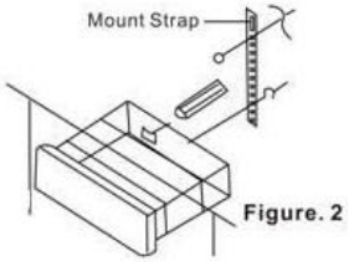


Figure. 2

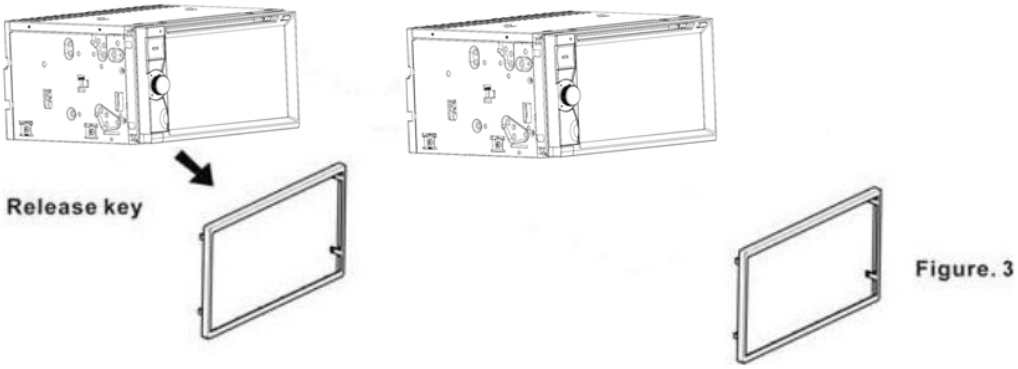
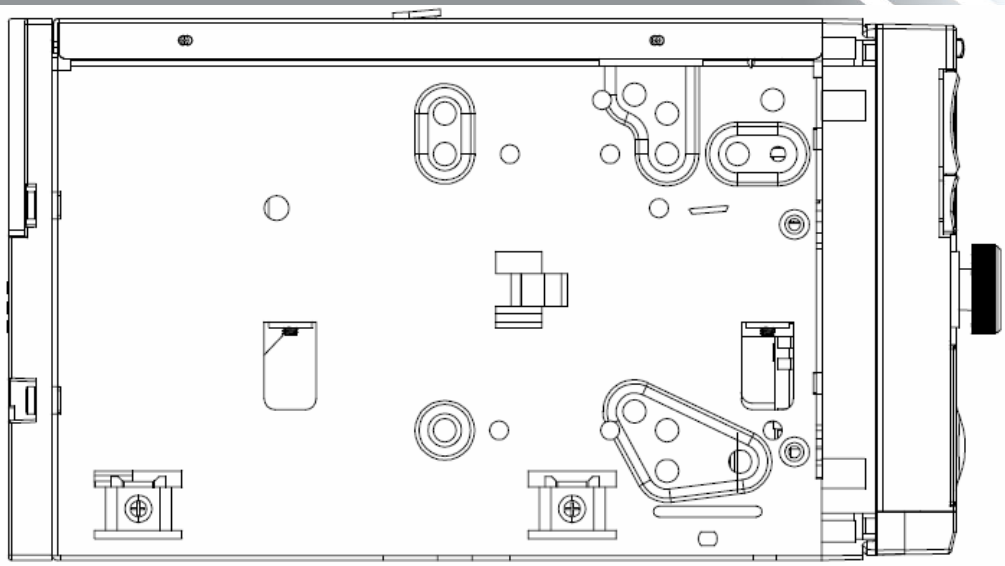


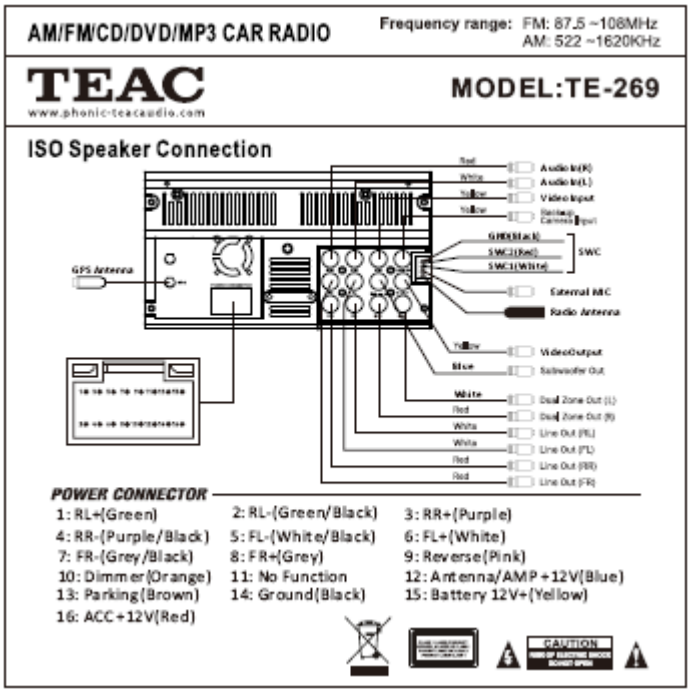
Figure. 3

- **UN-INSTALLATION**

Insert the supplied extraction keys into the unit and pull the unit out with keeping the extraction keys. (as Figure. 4)



WIRING CONNECTIONS



NOTE: Never connect cable to the system while it is connected to the battery power. Whenever the unit is disconnected from the battery, the preset memory will be erased and the unit will go back to its factory defaults.

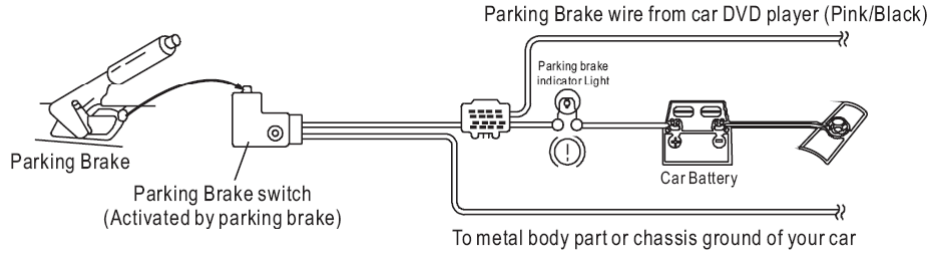
Note: 1. To watch video the parking wire should be connected to break signal. 2 cables is connected to a Hands-Free device (not included).

2. The GND of parking wire is connected with brake signal, while the GND of SWC wire is connected with steering wheel.

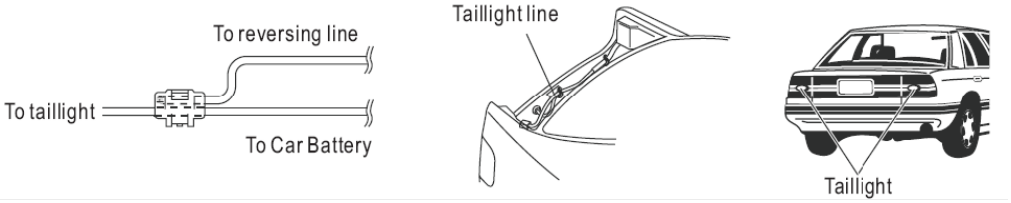
3. The restriction of use SWC is the voltage between the adjacent buttons are above 0.2 V that can be identified.

Parking wire

Note: The parking wire is connected with brake signal; for safety, the programs can be seen on the monitor after braking the car.


Parking Brake wire from car DVD player (Pink/Black)
Parking brake indicator Light
Parking Brake
Parking Brake switch
(Activated by parking brake)
Car Battery
To metal body part or chassis ground of your car

Connecting the reversing line to taillight on the car



After connecting, when you start up the reverse gear, the unit will receive the picture from car rear view camera.

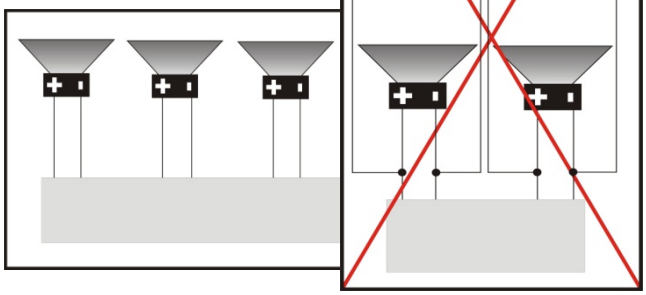
Note:

- Only use groundless loudspeakers.
- Use only loudspeakers of minimal 40Watt, using fewer watts may result in damaging your loudspeakers at higher volumes.
- Use 4~8 Ω (Ohm impedance) loudspeakers only; using higher or lesser impedance may damage the unit.
- Do not use 3-cable loudspeakers and do not connect the loudspeakers minus to the car body (GND). The unit is using a BTL circuit and each loudspeaker must be connected with insulated cables according the diagram.
- Loudspeaker cables and/or optional external power amplifiers must always be about 30cm away from the antenna and/or antenna extension parts.

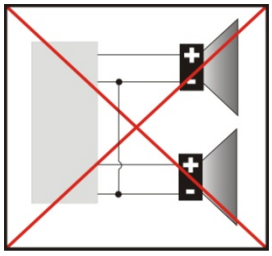
Connect the speakers according the following diagram, incorrect connections will damage the unit or your loudspe

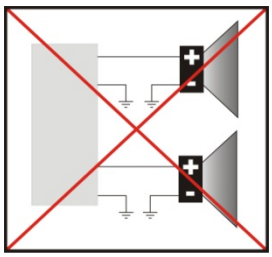
Correct connection

Left front - Right fr **Right rear**

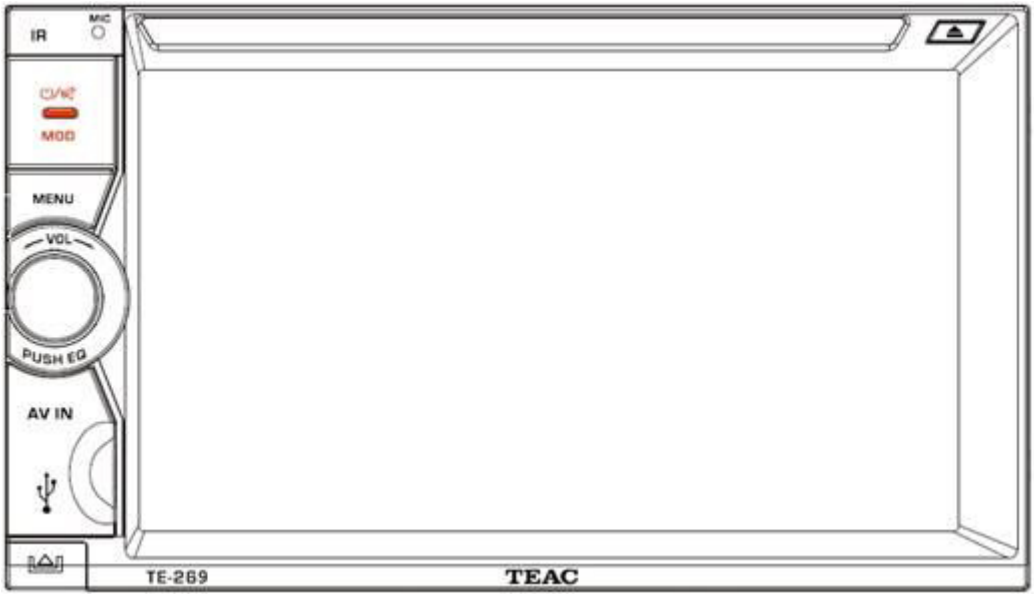


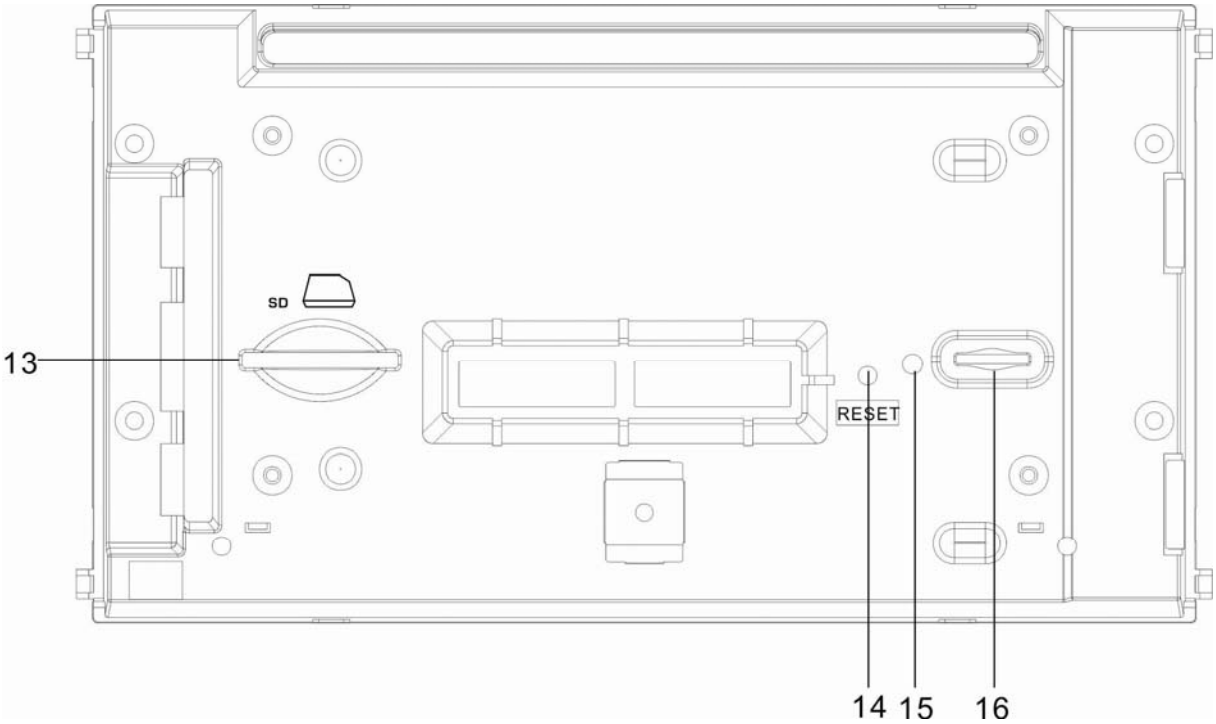
Incorrect connections





PANEL





1. POWER/MUTE Button

Press it to turn on the unit. Press and hold for 2 seconds to turn the unit off .Press the button briefly to Mute .Please note that the volume will be muted on all audio output connector.

2. MODE Button

Press to select the mode: Radio, DISC (if there is a disc in unit), SD (if there is a SD/MMC card in the unit), USB (if there is a USB device in the unit), AV IN, Bluetooth, DTV, navigation, radio.

3. MENU Button

In any mode, press it to switch to the main menu quickly.

4. VOL Knob Button

Clockwise rotate VOL knob to increase the volume and counterclockwise rotate the VOL knob to decrease the volume. Shout press the button to enter into sound setting.

5. AV-IN Jack

Put the AV plug into the AV-IN jack which was marked on front panel.

6. USB slot

USB slot, for Multimedia playback files only. Insert a USB into this slot and the unit will automatically start reading and playback the card. * Supported Music File Format: MP3, WMA Files.

7. OPEN Button

Press it to release the front panel.

8. IR

9. MIC

10. Info Display

Information Display LCD when operation the unit.

11. DISC slot

12. EJECT Button

Press to eject a disc. If the disc is not removed for about 10 seconds after eject, the disc is reinserted automatically.

13. SD/MMC CARD slot

SD/MMC card slot, for Multimedia playback files only. Insert a SD/MMC CARD into this slot and the unit will automatically start reading and playback the card. * Supported Music File Format: MP3, WMA Files

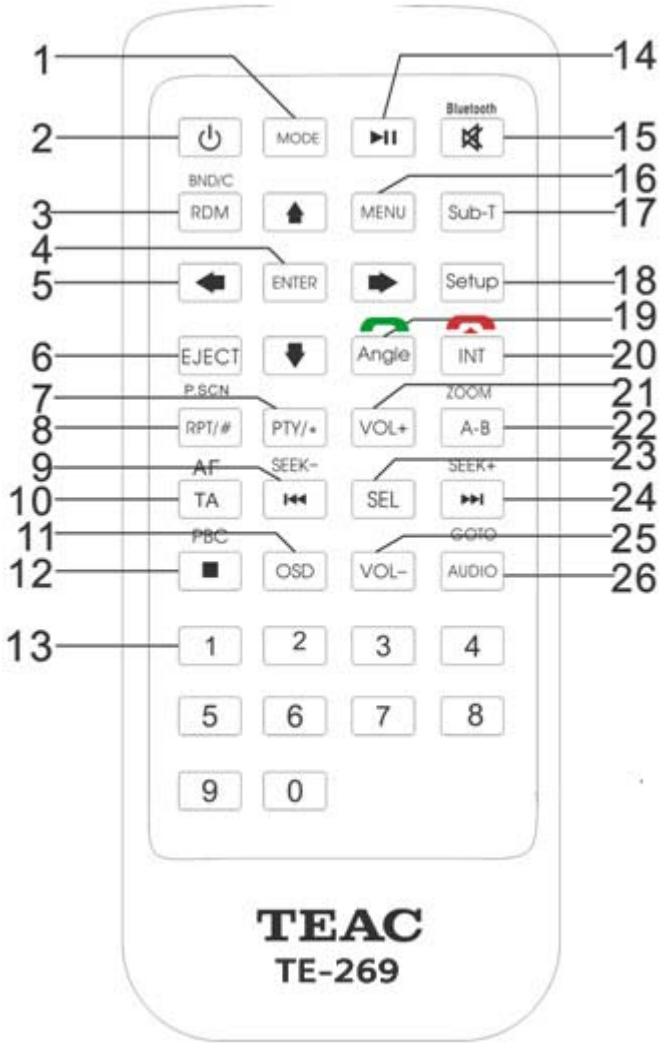
14. RESET Button

Press it with a thin, sharp object. The device will then be reset to factory default settings.

15. ANTI-THIEF LED

16. Memory card with map slot

REMOTE CONTROL



1: MODE
2: POWER
3: BAND/RANDOM/CLEAR
4: ENTER
5: UP/DOWN/LEFT/RIGHT
6: EJECT
7: PTY/*
8: P.SCN/RPT/#
9: BACKWARD/SEEK-
10: AF/TA
11: OSD
12: PBC/STOP
13: DIGIT NUMBERS
14: PLAY/PAUSE
15: MUTE/BLUETOOTH
16: MENU
17: SUBTITLE
18: SETUP
19: ANGLE/ACCEPT
20: INT/REJECT
21: VOLUME PLUS
22: A-B/ZOOM
23: SEL
24: FORWARD/SEEK+
25: VOLUME MINUS
26: AUDIO/GOTO

1. MODE button

Press it to select the mode: Radio, DISC (if there is a disc in unit), USB (if there is a USB device in the unit), SD (if there is a SD/MMC card in the unit), Bluetooth and AV IN.

2. POWER

Power on or off.

3. BAND/ RDM/C

In Radio mode, press to change radio band in sequence of FM1 → FM2 → FM3 → MW1 → MW2; In DVD mode, press to play randomly; In Bluetooth mode, short press it to clear the single phone number; long press it to clear all the phone number.

4. ENTER button

When long press the GOTO and select the digit press it to confirm selection.

5: Cursor ▲/▼/ ◄/► buttons

Use the ▲/▼/ ◄/► buttons to select the DVD menu item.

6. EJECT button

Press it to eject the disc.

7. PTY/*

Press to select PTY type and input a digital key on the RC to confirm search. (only for FM band)
In BLUETOOTH mode, press it to make a * symbol.

8. P.SCN/ RPT /#

In SD CARD/ USB mode, press to repeat REP OFF=>REP track=>REP in folder=>REP OFF

When playing the video, press to start repeat REP OFF=>REP track=>REP in folder=>REP OFF

In Radio mode: PS (Preset Scan): Press to scan all preset stations in the memory of the current band and stay on each memory stations for about 5 seconds.

In BLUETOOTH mode, press it to make a # symbol.

9. ⏮ / SEEK- button

In DVD mode, Press ⏮ button to skip to the previous track.

In RADIO mode, press ⏮ button to start searching automatic, press and hold for two seconds to start manual searching. ⏮ button Frequency down.

10. AF/TA

Press to set TA on or off; press and hold AF/TA button for two seconds to set AF on or off.

When it turned on, radio can follow the same station when the frequency is different.（only for FM band）

11. OSD button

When play the video press to show disc playing information;

12. STOP/PBC button

Press to stop playback from the current position, press again to final stop to the very beginning. Press PLAY/PAUSE button to play.

Press and hold for two seconds to set PBC on/ off in VCD mode.

13. Digit 0-9 buttons

When playing the video, long press the GOTO button and press the digit to select track.

In BLUETOOTH mode, press to input phone number，long press 0 number to make a + symbol.

14. PLAY/PAUSE button

In DVD mode, press it to break playback, press again to resume playback.

15. Mute button/Bluetooth button

: Short press to mute the volume output, press again to resume volume.

Long press this button to enter into Bluetooth mode.

16. MENU button

Press it to show main menu, in DVD mode, long press it to enter TITLE MENU (Enable only if the DVD disc with title menu).

17. SUBTITLE button

Press it to select the subtitle language (Available only if the disc with subtitle function).

18. SETUP button

In DVD mode press it to enter the setup menu, press again to resume playback.

19. ANGLE Button/Accept Button

In DVD mode, press it repeatedly to change the viewing angle (Available only with a recorded DVD file or DVD disc that has this function).

In BLUETOOTH mode, press to make a call after inputted a phone number or accept an incoming call.

20. INT Button /Reject Button

Press it to activate the intro function. You can play the beginning of every track for 10 seconds in sequence.

In BLUETOOTH mode, press to reject a coming call or hang up while calling

21. VOL+ button

Press to increase volume level.

22. A-B/ZOOM button

During playback, press it at the starting point of section you want to repeat (A), press this button again at the ending point of the section you want to repeat (B), section A-B repeating starts. Press it again to cancel the A-B repeat function.

Press it and hold for two seconds in DVD mode to zoom the image in or out in the sequence of ZOOM 2-> ZOOM 3-> ZOOM 4-> ZOOM 1/2-> ZOOM 1/3-> ZOOM 1/4-> ZOOM off.

23. SEL button

Press it to enter the SOUND SETTING menu, Press SEL button again to exit the menu.

24. ⏭ / SEEK + buttons

When playing video, press ⏭ button to skip to the next track.

In RADIO mode, press ⏭ button to start searching automatic, press and hold for two seconds to start manual searching. ⏭ button Frequency up.

25. VOL- button

Press to decrease volume level.

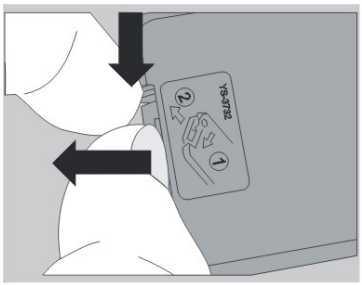
26. AUDIO/GOTO button

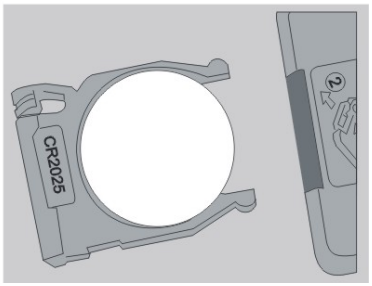
In VCD mode, press it to select the sound track in the sequence of Audio [1/2]=>Audio[2/2]

Go to: When playing video，press and hold for 2 seconds to show TIME SEARCH menu, select number and confirm to go to certain position directly. Select number and confirm to go to certain TITLE or CHAPTER position directly. When ACC OFF or Power OFF, turn on the unit again, you can just select the TITLE, touch the icon on the screen to select the CHAPTER.

REMOVE BATTERY

Note:





- The distance may vary according to the brightness of ambient light.
- If the remote is not used for an extended period of time, remove the battery to prevent possible damage from battery leakage and corrosion.
- Do not place any objects between the remote control unit and the sensor on the unit.
- Do not drop the remote control onto the floor; it will damage it beyond repair.
- Do not use the remote control unit, while simultaneously operating the remote control unit of any other equipment; they may interfere resulting in improper operation.
- The battery normally last for about one year although depending how often the remote control is used. If the remote control unit isn't working even when it is operated near the unit, replace the battery with a new battery of the same make and use only a lithium cell battery type: CR2025 (3V).
- Dispose empty batteries in accordance with your local governmental regulations.
- Do not short-circuit, disassemble, heat or dispose of fire or flames the battery.
- Keep the battery out of reach of children, should the battery be swallowed, immediately consult a doctor.

MAIN MENU

The best way to discover the program is to explore each screen in detail, and to find out how to move from one to another. Read this chapter for a guided tour.
Unit starts by displaying the Main menu.
This is the root of the screen hierarchy, and you can simply access all features by tapping on the touch screen icons.
Tap the icons to enter a desired mode.

Tap the icon to enter the right part of the screen to switch between the 2 menu pages.

◆ *RADIO PLAYER*

To start Radio, tap RADIO icon **on main menu screen.**

Touch this icon to select station backward manually. Touch and hold this icon to select station backward automatically.

Touch this icon to select station forward manually. Touch and hold this icon to select station forward automatically.

Touch this icon to choose the bands: FM1, FM2, FM3, MW1, MW2.

Touch this icon to search stations

Touch this icon to select stereo or mono sound reception.

Touch this icon to select reception of local station or DX for distance station.

Touch this icon to enter into RDS MENU.

Touch this icon to mute the sounds.

Touch this icon scan the stations and scan each station for 5 seconds. Touch and hold it to save the stations with good reception automatically. Touch this icon again to stop.

Touch this button to switch an alternative frequency on or off. When it turned on, radio can follow the same station when the frequency is different.

Touch this button to switch radio traffic service on or off.

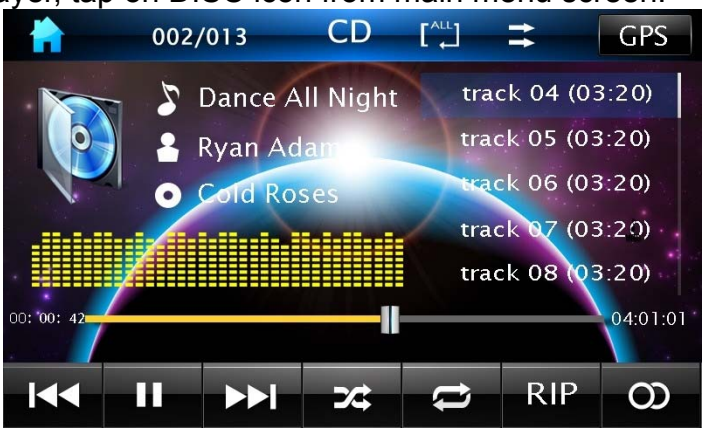
Touch this button to select program type.

Touch this icon to on or off REG function.

Touch this icon to return back normal radio menu

◆ *CD PLAYER*

To start CD player, tap on DISC icon from main menu screen.



Touch it to enter GPS mode.

Touch it to select: Repeat off=>Repeat track=> Repeat in folder

Touch it to turn on / off random /sequence playback.

Touch it to copy the track on the CD to USB or CD card.

Touch it to skip to the previous track.

Touch it to play/pause.

Touch it to skip to the next track.

Touch this icon to select stereo or mono sound reception.

◆ *DVD PLAYER*

To start DVD Player, tap on DISC icon from main menu screen.

TOUCH SCREEN MENU

You will not see any buttons while DVD is played. Buttons will appear when you tap on TFT screen. Tap the screen again to hide the buttons.

Touch it to skip to the previous track. Touch and hold for 2 seconds to retune to the beginning of the track.

Touch it to play/pause.

Touch it to skip to the next track. Touch and hold for 2 seconds to activate fast forward (FF) search in a track.

Touch it to select different caption

Touch it to select Audio

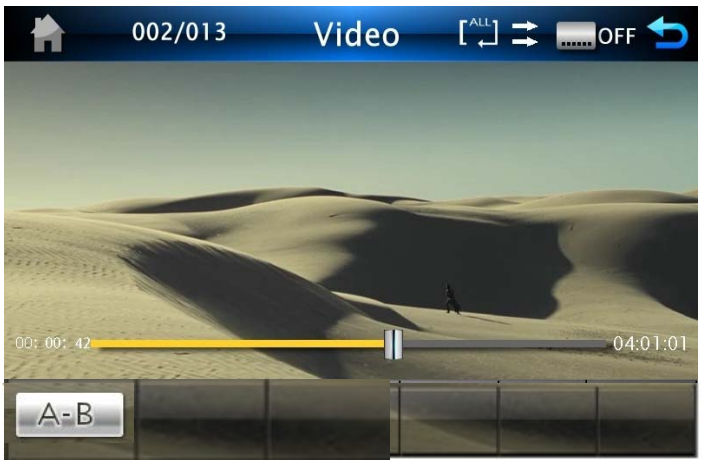
Touch it to return to the menu title

Touch it to select: repeat track => repeat in folder=>repeat all=> repeat off

Touch it to turn on / off random/sequence playback.

Touch it to adjust the picture texture

Touch this icon to select right or stereo or left sound reception.



Touch it to select the section from A to B for repeat.

Touch this button to return to the title.

Touch it repeatedly to change the viewing angle (Available only with a recorded DVD file or DVD disc that has this function).

Magnify the frame 2X 3X 4X

Reduce the frame 2X 3X 4X

◆ *USB/SD/MMC INTERFACE*

When a file disc, USB or a memory card is played, the screen will show following interface:

Touch it to select music files.

Touch it to select video files.

Touch it to select photo files.

.

Touch it to select: repeat all=>repeat 1=> repeat off

Touch it to turn on / off random playback.

Touch this icon to select right or stereo or left sound reception.

Touch it to skip to the previous track.

Touch it to play/pause

Touch it to skip to the next track.

Touch it to select the section from A to B for repeat.

◆ *AV IN MODE*

To start AV-IN Mode, tap AV-IN icon from main menu screen. Connect the external audio/video signal source to this unit. Select AV-IN mode in the main menu or by pressing repeatedly Mode button on the front panel Touch the icon to adjust the picture texture

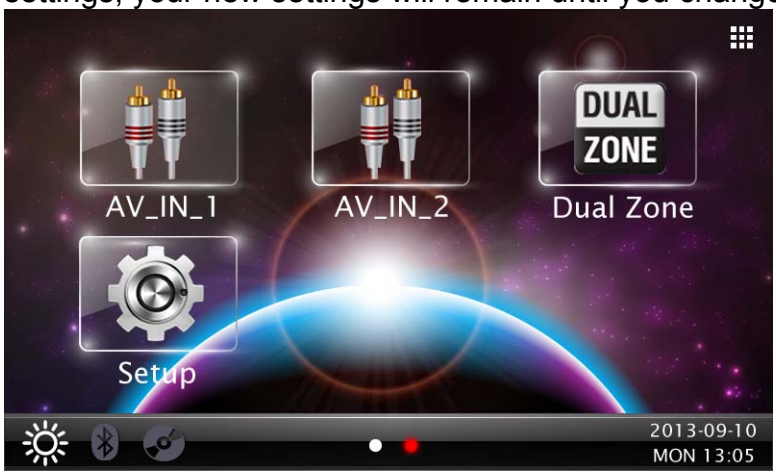
optional audio/video source into the 3.5mm input jack on the front panel. Connect an optional audio/video source to the RCA connectors on the back of the unit.

◆ DUAL ZONE

To start dual zone Mode, front deck and background work at the same time

◆ *SETTING CONTROL*

To start SETTING, tap SETUP icon on main menu. Your device has default system settings. You can customize the settings to suit your personal needs. Once you change settings, your new settings will remain until you change it again.



Language CONTROL

Tap language icon to show DISPLAY menu

language	Set the simple Chinese/English/traditional Chinese

Time CONTROL

Tap Time icon to show Time menu, then through touching the on/off to set the time showing.

Radio Frequency CONTROL

Tap radio freq icon to show radio freq menu, then through touching the area name to select different frequency region

Navi Path CONTROL

Tap NaviPath icon to show NaviPath menu, then set the navigation path.

Press the icon

to enter into GPS mode, and we must exit the map to end the GPS mode. Press the MENU button can just enter into the main menu cannot end the GPS.

Sys info CONTROL

Tap sys info icon to show the syeterm information

Tools CONTROL

Tap tools icon to select the GPS monitor and touch calibration function

WHEELCTRL CONTROL

Tap WHEELCTRL icon to set SWC function

Other CONTROL

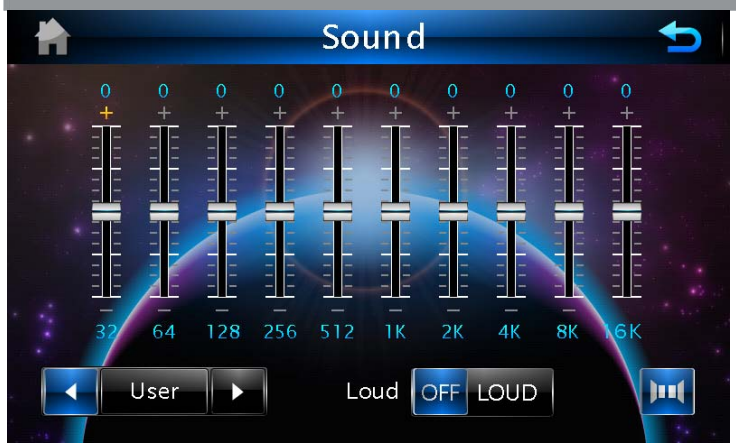
Tap other icon to show the menu to set the other function

Video/Camera CONTROL

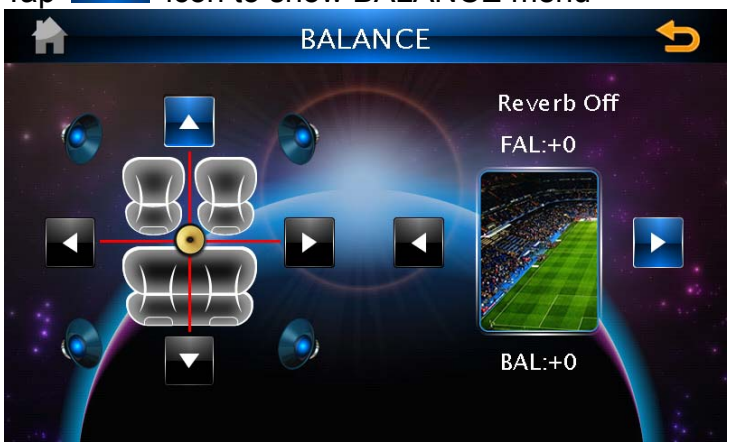
Tap video/camera icon to show the video/camera menu to set the effect

Sound CONTROL

Tap Audio icon to show audio menu, then touch the different effect to Select the digital sound effect (close,rock,pop,live,dance,classic,soft)



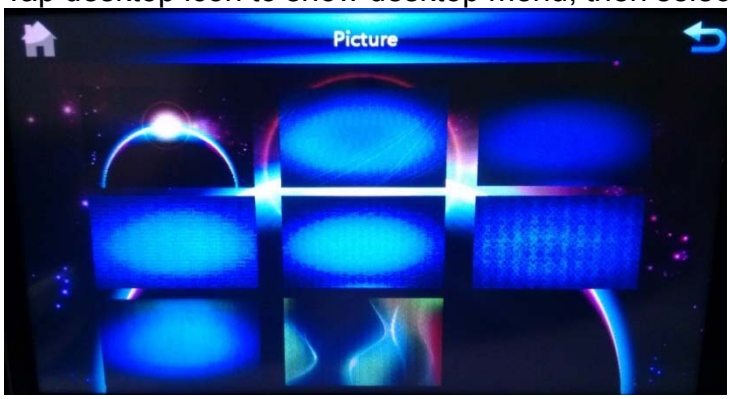
Tap icon to show BALANCE menu



BALANCE	UP/DOWN/LEFT/RIGHT Balance control
REVERBERATION	Set reverberation: original sound, the scene, living room, hall, caves, bathroom, arena.

Desktop CONTROL

Tap desktop icon to show desktop menu, then select the picture you desire as the wallpaper



OTHER FUNCTIONS

Subwoofer

Connect the subwoofer to the unit using sub output (see electrical diagram). Tap SETTING icon on main menu to enter setting menu. Choose COMMON SETTING and set Mega Bass

ON to enable subwoofer.

Parking

When the car is stopped and the parking brake is working, the screen can display the video image, otherwise the screen can't display the video image

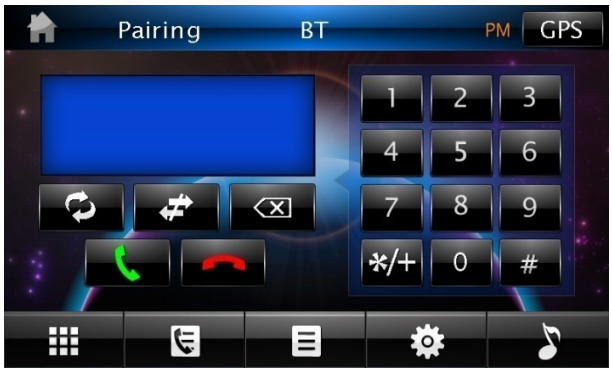
Back View Camera

This unit is equipped with back view camera output. The camera is used to observe the situation behind the vehicle when you are backing the car.
Please connect your back view camera with the back car video input. And connect the reverse wire for back a car with the rear gear light. Rear view camera picture will be enabled when you are backing the car.

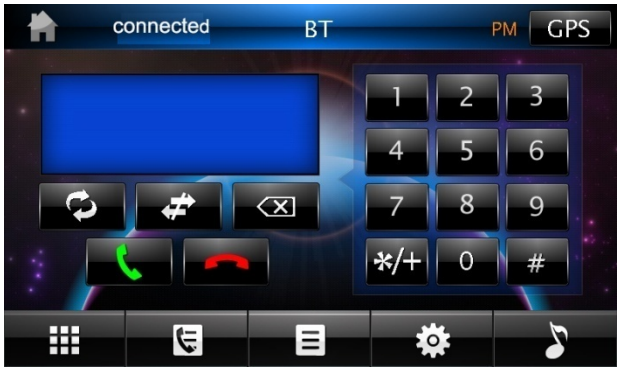
BLUETOOTH SECTION

Warning: Driving and having a Telephone conversation at the same time is dangerous, please park your car before having a telephone conversation. The supplier waves any and all liability when this warning is not followed.
To enter Bluetooth mode, you can tap Bluetooth icon on Main menu or press mode button on remote or on front panel.

CONNECT WITH MOBILE PHONE DEVICE



Bluetooth disconnect mode



Bluetooth connect mode

1) Tap the icon to turn to the interface as above, and open the BT function on the mobile phone.
2) Tap the MATCH icon on the unit, select the new device(TEAC) on the phone after searching for it, input PIN password”1234” on the phone and confirm, the phone and the unit is connected.

Auto-connect & Disconnect
When power on the unit, the last paired phone will be remembered. Tap the CONNECT icon on the unit, it will connect to the phone via Bluetooth automatically.
If you want to disconnect the Bluetooth connection, turn off the mobile phone Bluetooth function or tap the DISCONNECT icon on the unit.
Edit
Tap the EDIT icon, you can set new name and pin code for the unit.
A user can make own choice by tap the icons.

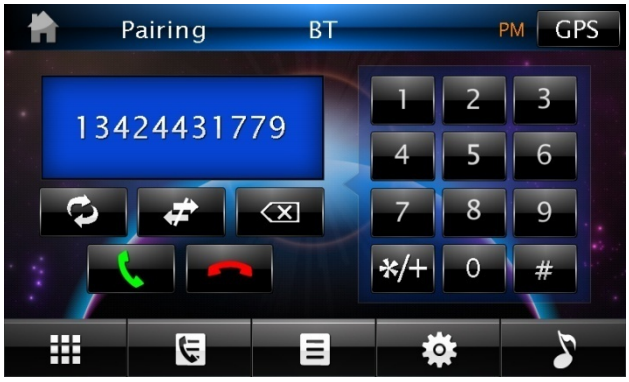
Tap CALLING icon to use phone functions.

Tap MUSIC icon to start BLUETOOTH music player.

Tap HISTORY icon to check dialed, received, missed calls.

Tap PHONEBOOK icon to use phone book functions.

Tap EDIT icon to use edit functions



1. CALLING mode

In Call mode, the unit can be used as your phone. Making and receiving calls are possible with BLUETOOTH. Simply tap phone number and tap icon to make a call, and tap icon to hang up.

1) Tap CLEAR icon shortly to delete a wrong digit.
2) Tap the icon for 3-4 seconds, the device automatically makes a call to the latest call in its call log.

Voice Transfer

During a call, you can change a call from Bluetooth mode to phone by tapping Transfer icon. To have a call in Bluetooth mode again, tap Transfer icon again.

2. Call history mode

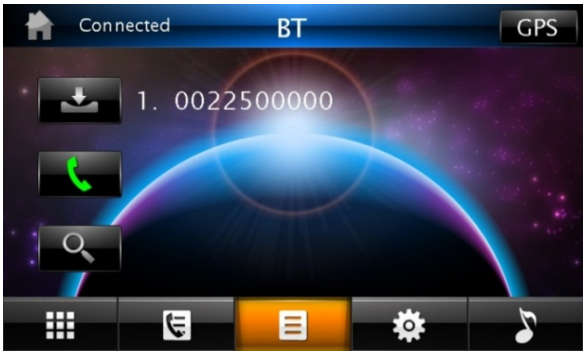
Tap HISTORY icon to see history mode.
The unit can download automatically all the date from the mobile Phone.
Dialed /Received/Missed calls are saved In History mode .
The calls in each category are orderly saved from the latest one to the final one..

Tap the icon beside the phone number you desired to make a calling.

3. BT PHONE BOOK

The unit can download the data from phone automatically when the pairing between a phone and the unit is completed.
The unit displays the data which have been downloading from a phone.

Tap the icon beside the phone number you desired to make a calling.



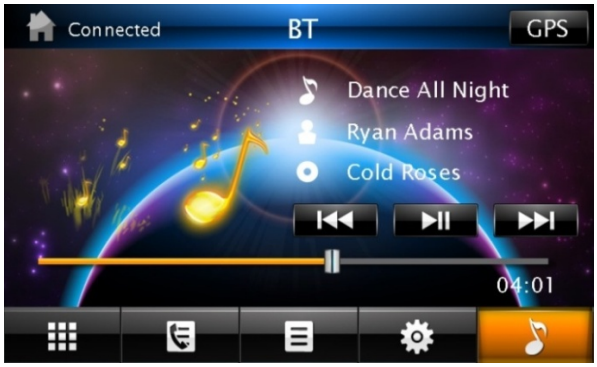
4. BT CONTROL

Touch the icon to edit the Device Name,
And touch the icon to edit the Pin Code.

this icon indicate the Bluetooth has opened touch it can close the luetooth.

5. BT MUSIC

Tap MUSIC icon to listen music in A2DP mode. You can select the function with the icon for previous, play / pause, and next. Note: in this mode the ID3 and present information can just display iPone, other phone may not display this information.



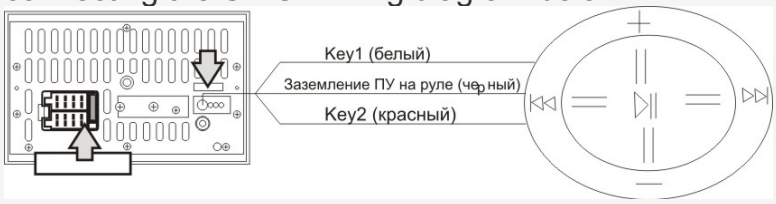
NAVIGATION MODE

To start GPS Navigation, tap on NAVI icon from main menu screen.
Note: Insert Memory card with map into the Memory card slot of the rear panel, then set the NAVI PATH in the setting menu before tapping NAVI icon. The device will warn you if Memory card with map is not properly inserted into the Memory card slot of the rear panel.

SWC MODE

To start SWC function, tap on SWC icon from setting menu screen.

1) First check whether the car has steering wheel button.
2) The steering wheel and the unit must be connected on the line connecting the SWC. Wiring diagram below.



3) Open the unit WHEEL CTRL interface, you can in the above operation, the interface is as follows.

3) While holding down the button on the steering wheel and the corresponding button on the SWC interface it will display complete setting. When all the buttons on the steering wheel and the corresponding button on the WHEEL CTRL interface complete setting, you can use the steering wheel button to operation the unit. Such as in radio mode, press ⏮ button or ⏭ button to search station backward or forward; In DVD mode, press ⏮ button or ⏭ button to select the previous or next track and activate fast reverse (REW) search or fast forward in a track. Press VOL+ button or VOL - button to adjust the volume.

Note：1.The “Enter” button and the “reset” button are not included in steering wheel, press the “enter” button to confirm the select, press the “reset” button to clear the former select.

2. The restriction of use SWC is the voltage between the adjacent buttons are above 0.2 V that can be identified.

NOTES ON DISC

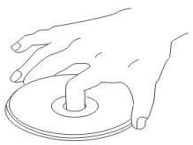
- ✧ Only use groundless loudspeakers.
- ✧ Use only loudspeakers of minimal 40Watt, using fewer watts may result in damaging your loud speakers at higher volumes.
- ✧ Use 4~8 Ω (Ohm impedance) loudspeakers only; using higher or lesser impedance may damage the unit.
- ✧ Do not use 3-cable loudspeakers and do not connect the loudspeakers minus to the car body.
- ✧ (GND). using a BTL circuit and each loudspeaker must be connected with insulated cables according the diagram.
- ✧ Loudspeaker cables and/or optional external power amplifiers must always be about 30cm. away from the antenna and/or antenna extension parts.
- ✧ If w

Handing discs

Handing

When holding With both hands

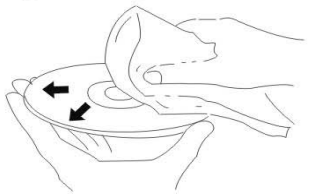
When holding with one hand



- Do not use damaged (cracked or warped) discs.
- Do not scratch the signal surface or let it get dirty.
- Do not attach paper or seals to discs. The player may be damaged if there is any exposed glue, etc., On discs. For rental discs in particular,extra labels are often attached to the discs. Check carefully for any exposed glue before using such discs.

Cleaning discs

- Fingerprints or dust on discs may reduce sound or picture quality. Remove them by gently wiping the disc from the center toward the edges using a soft cloth.



- Do not use benzene, thinner or other volatile chemicals. Do not use record spray or antistatic spray either.
- We recommend using the separately sold cleaning set to clean discs.
- For tough dirt, apply some water to a soft cloth, wring out thoroughlywipe off the dirt, then wipe the disc with a dry cloth.

Irregular shaped discs
Irregular shaped discs(heart-shaped

TROUBLESHOOTING

	Symptom	Cause	Remedy
General	Power does not turn on. (No sound is produced.)	Fuse is blown	Replace with fuse of the same amperage. If the fuse blows again, consult your store of purchase
		In correct wiring	Consult your local retailer.
	No sound output when operating the unit with amplifiers or power antenna attached.	Power antennal lead is shorted to ground excessive current is required or remote on the amplifiers or power antenna.	1. Turn off the unit. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter. 3. Turn on the unit. 4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external replay to provide remote-on voltage (excessive current required).
	Nothing happens when buttons are pressed. Display is not Accurate	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, Then press the [no open] button and remove the DCP. Press the reset button for about 2 seconds with a thin rod.
		Panel or main unit Connectors are dirty	Wipe the dirt off with a soft cloth moistened with cleaning alcohol.
CD	Sound is bad directly after power is turned on.	Compact disc is dirty	Clean the compact disc without scratches
		Compact disc is heavily scratched or warped	Replace with a compact disc without scratches.
	Sound is bad directly after power is turned on.	Water droplets may form on the internal lens when the car is parked in a humid place	Let it dry for about 1 hour with the power on.

TROUBLESHOOTING

SYMPTOM	CAUSE	SOLUTION
NO POWER	THE CAR IGNITION IS NOT ON.	IF THE POWER SUPPLY IS PROPERLY CONNECTED TO THE CAR ACCESSORY SWITCH THE IGNITION KEY TO “ACC”.
	THE FUSE IS BLOWN.	REPLACE THE FUSE.
DISC CANNOT BE LOADED.	PRESENCE OF DISC INSIDE THE PLAYER	REMOVE THE DISC IN THE PLAYER THEN PUT A NEW UPWARD.
DISC CANNOT BE READ.	INSERTING THE DISC IN UPSIDE DOWN.	INSERT THE COMPACT DISC WITH THE LABEL FACING UPWARD.
	COMPACT DISC IS EXTREMELY DIRTY OR DEFECTIVE.	CLEAN THE DISC OR TRY TO PLAY A NEW ONE.
	TEMPERATURE INSIDE THE CAR IS TOO HIGH.	COOL OFF UNTIL THE AMBIENT TEMPERATURE RETURNS TO NORMAL.
NO SOUND	VOLUME IS IN MINIMUM.	ADJUST VOLUME TO A DESIRED LEVEL.
	WIRING IS NOT PROPERLY CONNECTED.	CHECK WIRING CONNECTION.
THE OPERATION KEYS DO NOT WORK.	THE BUILT-IN MICROCOMPUTER IS NOT OPERATING PROPERLY DUE TO NOISE.	PRESS THE POWER BUTTON FOR ABOUT 10 SECONDS TO RESET THE UNIT.
	FRONT PANEL IS NOT PROPERLY FIX INTO ITS PLACE.	
SOUND SKIPS.	THE INSTALLATION ANGLE IS MORE THAN 30 DEGREES.	ADJUST THE INSTALLATION ANGLE TO LESS THAN 30 DEGREES.
	THE DISC IS EXTREMELY DIRTY OR DEFECTIVE.	CLEAN THE COMPACT DISC/TRY TO PLAY A NEW ONE.
THE RADIO DOES NOT WORK, THE RADIO STATION AUTOMATIC SELECTION DOES NOT WORK.	THE ANTENNA CABLE IS NOT CONNECTED THE SIGNALS ARE TOO WEAK.	INSERT THE ANTENNA CABLE FIRMLY SELECT A STATION MANUALLY.

TECHNICIAL SPECIFICATIONS

General	
Power supply:	11~16V DC
Current consumption:	max. 15 A
Maximum power output:	50W x 4 channels (max)
Compatible formats:	DVD/SVCD/VCD/HDCD/MP3/MP4/VIDEO/CDDA/PICTURE CDCD-R/-RW/DVD±R/±RW PLAYBACK
Dimensions (W x D x H) / weight:	165*178*100 mm/2 kg
Working temperature range:	-20℃ - +60℃
ESP function:	10 sec. for Audio CD, 120 sec. for MP3
TFT display	
Screen size:	6.2 inch
Resolution:	800*480 pixel
Brightness:	460 cd/㎡
Contrast ratio:	500:1
FM Stereo Radio	
Frequency range(EUROPE AREA):	87.5 – 108MHz(Step 50KHz)
Frequency range(JAPANESE AREA):	76.0 – 90.0MHz(Step 100KHz)
Frequency range(MIDDLE EAST AREA):	87.5 – 108MHz(Step 50KHz)
Frequency range(AMERICA 1 AREA):	87.5 – 107.9MHz(Step 200KHz)
Frequency range(CHINA AREA):	87.5 – 108MHz(Step 100KHz)
Frequency range(AMERICA 2 AREA):	87.5 – 108MHz(Step 100KHz)
Frequency range(RUSSIA AREA)	87.5 – 108MHz(Step 50KHz) 65-74MHz(Step 10KHz)
Preset memory stations:	18
AM/MW Radio	
Frequency range(EUROPE AREA):	522kHz - 1620 KHz(Step 9KHz)
Frequency range(JAPANESE AREA):	522kHz - 1629 KHz(Step 9KHz)
Frequency range(MIDDLE EAST AREA):	531kHz - 1602 KHz(Step 9KHz)
Frequency range(AMERICA 1 AREA):	530kHz - 1710 KHz(Step 10KHz)
Frequency range(CHINA AREA):	522kHz - 1620 KHz(Step 9KHz)
Frequency range(AMERICA 2 AREA):	520kHz - 1710 KHz(Step 10KHz)
Frequency range(RUSSIA AREA)	522kHz - 1620 KHz(Step 9KHz)
Preset memory stations:	12
Audio specification	
Frequency response:	20 Hz-20 KHz
TV Color System	Color system NTSC/ PAL

Specifications are subject to change without notice. Mass and dimension are approximate

TEAC

www.phonic-teacaudio.com